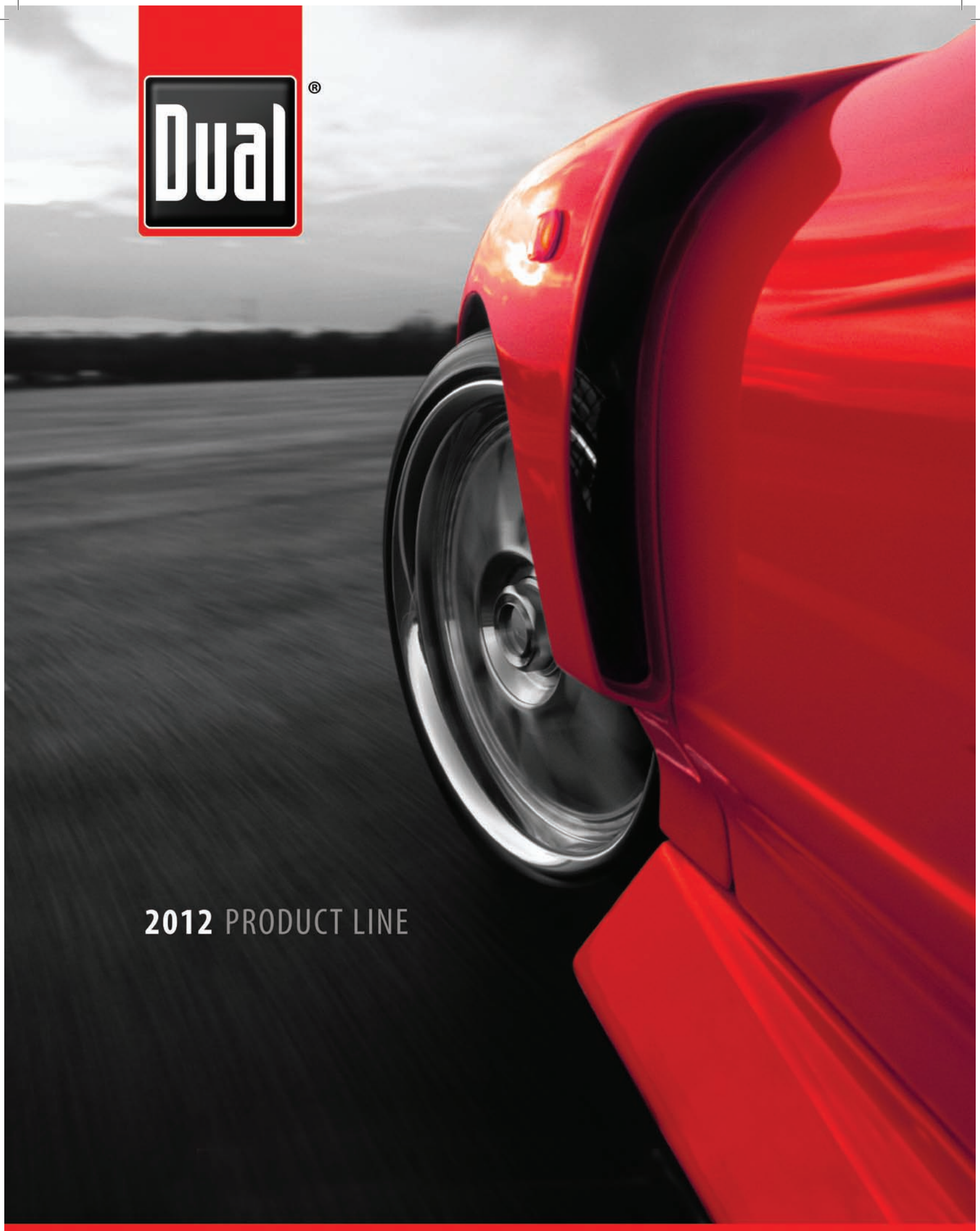
Dual®



2012 PRODUCT LINE

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Easy to Use Connectivity and Device Integration for ...

Bluetooth®

Built-in Bluetooth Wireless Technology

Top of the line Dual receivers have built-in Bluetooth, allowing the user to conveniently and safely integrate their smartphones and other devices into the car's audio system. The technology supports the three most popular profiles: HFP, A2DP and AVRCP.

Audio Streaming and Player Control (A2DP and AVRCP)

Allows for wireless audio streaming from a mobile phone or a media player to the car's receiver. Control your media player directly from the receiver's front panel while also enjoying quality sound from your car's speakers.

Hands-free Calling (HFP)

Allows phone calls via the car's audio system using most Bluetooth enabled cell phones, including the iPhone and other smartphones. Answer a call, redial, or manage call waiting – all while keeping your hands on the wheel and eyes on the road.

TECHNOLOGY

SiriusXM READY

Dual is one of the first car audio manufacturers to offer SiriusXM-Ready receivers, allowing the user to easily expand their in-car entertainment by adding satellite radio. The SiriusXM Connect universal-tuner connector allows the SiriusXM Vehicle Connect Tuner Kit (sold separately, SiriusXM subscription required) to be plugged in directly to the receiver without the need for special cables or adapters.

Multi-Format Audio Support

Dual receivers are compatible with today's most popular digital audio formats: MP3, WMA and AAC. Most Dual receivers support all these formats, allowing the user to bring their entire music collection to the car via CD, USB drive, SD card or media player.

... Enhanced In-Car Entertainment and Safer Driving Habits.

MP3 AAC WMA

CD Playback Mode

Most Dual CD receivers allow playback of MP3/WMA/AAC data CDs in addition to traditional CDs and CD-R/RWs. Know what is playing at a glance with ID3 tag display of artist and track information.

SD™

SD Card Playback Mode

Many Dual audio receivers feature an SD card input, allowing the user to access their music library (up to 32GB of MP3 or WMA files) via an SD/SDHC card. The SD card inputs are conveniently located on the front panel or behind the faceplate of the receiver.

USB UNIVERSAL SERIAL BUS

USB Playback Mode

Most Dual audio receivers feature USB inputs, allowing the users to access their music library (up to 16GB of MP3 or WMA files) via a USB flash drive. The USB inputs are conveniently located on the front panel of the receivers.

TECHNOLOGY

RGB CUSTOM COLORS

RGB Custom Colors

With over 32,000 color variations, our RGB Custom Colors feature allows the user to match the receiver's LCD and button illumination to the vehicle's interior lighting; or even create a color that fits the mood!

HD Radio® READY

HD Radio Ready™ with iTunes Tagging

Step up to HD Radio™ for a crystal-clear, digital experience with no monthly fee. HD Radio delivers FM radio with CD quality sound, and AM radio with FM quality sound. The HD Radio Ready feature supports HD2/HD3 multicast channels and offers iTunes Tagging capability when used with the HDM90 tuner (sold separately). iTunes tagging gives the users the ability to "tag" all of their favorite songs for later preview and purchase from the iTunes store.

Made for iPod iPhone

Direct USB Control for iPod®/iPhone®

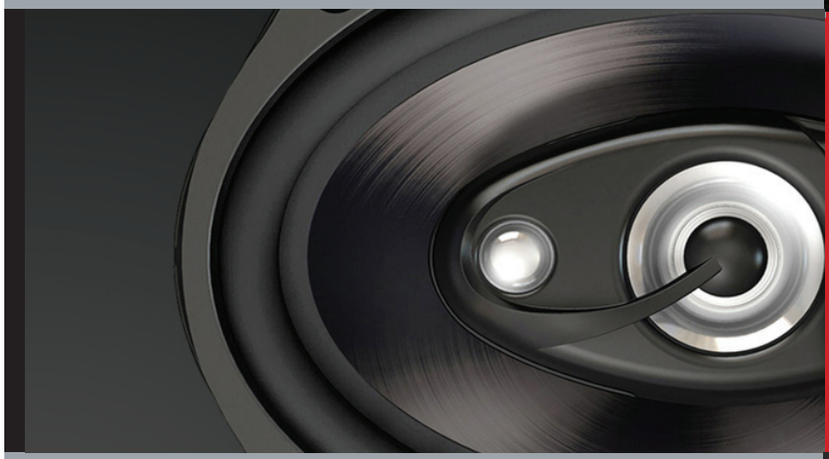
Plug in your iPod or iPhone via the USB input and control it directly from the receiver's front panel. Browse the music library, change songs and adjust volume – all safely, within arm's reach, while enjoying high-quality sound from the car speakers. The connected device will also charge, so it is ready to go when you are.

Digital High-Definition LCD

Dual's multimedia DVD receivers feature digital, LED backlit, high-resolution displays for a brighter, clearer and more detailed visual experience with a longer life span than traditional LCDs. The high-resolution 1.15 megapixel displays offer 3 times the resolution of a standard analog display.

Full-Graphic LCD

The 4-line, full-graphic LCD features vibrant colors, icons and small images, making it easy to identify the receiver's mode and to read information such as song title, artist, caller ID and phone numbers. The 4-line list mode allows the user to see more information at a glance, which is very useful when browsing the library of music, for example.



High-Performance Speakers

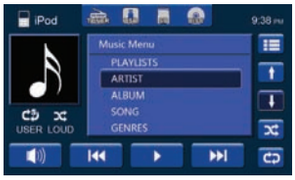
The DLS 4-way, high-performance speaker series feature a balanced dome midrange for enhanced clarity, an injection-molded polypropylene woofer cone for accurate bass response, a rubber surround to withstand heat and moisture, dual Piezo tweeters for extended high-frequency response and a low-profile basket design for installation flexibility.

Portable Device Mount

The adjustable, Portable Device Mount provides added value for today's connected consumer. As consumers increasingly use their smartphones for navigation and music streaming, device integration into the head unit is not only a matter of convenience, but also safety. The Portable Device Mount adjusts to fit most smartphones, iPhone and iPod devices.

Steering Wheel Control-Ready

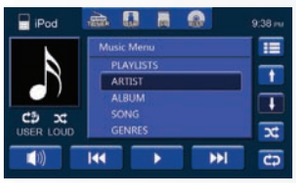
Replace the factory-installed head unit without losing the convenience of controlling the receiver directly from the steering wheel. (Third party adapter required.)

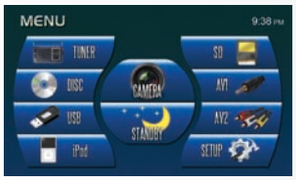


XDVD3201 2.0 DIN DVD Multimedia Receiver NEW!

This 2.0 DIN multimedia receiver boasts a 6.2" digital, LED backlit, high-resolution (1.15 Megapixels) display. Direct USB control for iPod and iPhone devices is available through the USB input on the back. The input also supports video playback (IPV40 cable required). The front panel features SD card and 3.5mm auxiliary inputs to connect other portable media devices. Two dedicated video outputs on the back allow for the connection of additional monitors. The receiver is back-up camera ready.

Made for iPod iPhone · USB UNIVERSAL SERIAL BUS · SD · 1.15 MEGAPIXEL





XDVD3101 DVD Multimedia Receiver NEW!

This 1.0 DIN multimedia receiver boasts a large 7" digital, LED backlit, high-resolution (1.15 Megapixels) display. Direct USB control for iPod and iPhone devices is available through the USB input on the back. The input also supports video playback (IPV40 cable required). The front panel features SD card and 3.5mm A/V inputs to connect other portable media devices. Two dedicated video outputs on the back allow for the connection of additional monitors. The receiver is back-up camera ready.

Made for iPod iPhone · USB UNIVERSAL SERIAL BUS · SD · 1.15 MEGAPIXEL

XDVDN9131 DVD Multimedia Receiver with Navigation

This versatile DVD Receiver features a 7" motorized LCD with detachable front panel, plus an integrated navigation functionality with pre-loaded maps for the continental USA, Alaska, Hawaii, Puerto Rico and Canada. The built-in Bluetooth Wireless Technology supports hands-free calling, audio streaming, and player control. Direct control for most iPod devices is available via a 2-wire connection on the front panel (cable included). Also features front panel USB, SD card and 3.5mm A/V inputs.

Made for iPod · Bluetooth · NavAtlas · SD

Feature / Model #	XDVD3201	XDVD3101	XDVDN9131
DIN Size	2-DIN	1-DIN	1-DIN
Power	240W (60 x 4)	240W (60 x 4)	200W (50 x 4)
MOSFET Powered	✓	✓	
LCD	6.2" Digital 1.15 Megapixel (800 x 480 x 3)	7" Digital 1.15 Megapixel (800 x 480 x 3)	7" (800 x 480)
Media Formats	DVD/CD/MP3/WMA/JPG	DVD/CD/MP3/WMA/JPG	DVD/CD/MP3/WMA/JPG
SD Card Input	✓	✓	✓
Aux Inputs	Front 3.5mm	Front 3.5mm	Front 3.5mm
USB Interface	Rear	Rear	Front
Direct USB Control For iPod & iPhone	✓	✓	✓ Includes 2-wire cable
Video Playback from iPod/iPhone [3]	✓	✓	
Built-In Bluetooth [2]			✓
Built-In Navigation			✓ (2m POI)
A/V Input	Front + Rear	Front + Rear	Front + Rear
Back-Up Camera Ready	✓	✓	✓
Remote Control	✓	✓	✓
Steering Wheel Controls [1]	✓	✓	✓
Preamp Outputs	3	3	3

1 - Requires PAC SWI-PS adapter (sold separately) 2 - HFP- Hands-Free Profile, A2DP- Advanced Audio Distribution Profile, AVRCP- Audio Video Remote Control Profile 3 - Requires IPV40 Video Cable (sold separately)

XDMA6540 CD Receiver NEW!

This full-featured CD Receiver provides robust connectivity to many of today's popular portable electronics, including direct USB control for iPhone and iPod devices. The built-in Bluetooth Wireless Technology supports hands-free calling, audio streaming and player control. This receiver is SiriusXM-Ready and HD Radio Ready™, and it features a full-graphic LCD and RGB custom colors. The included Portable Device Mount securely holds portable electronics safely within the driver's reach.

Made for iPod iPhone · Bluetooth · SiriusXM READY · HD Radio READY · RGB CUSTOM COLORS · USB UNIVERSAL SERIAL BUS · SD

Shown with the included Portable Device Mount.

This included Portable Device Mount adjusts to fit most of today's popular smartphones. The mount turns for vertical or horizontal viewing.

RGB Custom Color Technology

Optional Accessories:

HDM90 - HD Radio Tuner Module

SiriusXM Vehicle Connect Tuner Kit

XDMA6510 CD Receiver NEW!

Featuring direct USB control for iPod and iPhone devices, and an Adjustable Portable Device Mount to securely hold electronics safely within the driver's reach.

Made for iPod iPhone

USB UNIVERSAL SERIAL BUS

Shown with the included Portable Device Mount.

Shown with the included Portable Device Mount.

XDMA5280 CD Receiver NEW!

Featuring direct USB control for iPod and iPhone devices, and an Adjustable Portable Device Mount to securely hold electronics safely within the driver's reach.

Made for iPod iPhone

USB UNIVERSAL SERIAL BUS

X2DMA400 2.0 DIN CD Receiver NEW!

Featuring direct USB control for iPod and iPhone, plus front panel SD card and 3.5mm auxiliary inputs. The SiriusXM Connect universal-tuner connector allows the SiriusXM Vehicle Connect Tuner Kit (sold separately, SiriusXM subscription required) to be plugged directly into the receiver.

Made for iPod iPhone

SiriusXM READY

USB UNIVERSAL SERIAL BUS

SD

XDMA6370 CD Receiver

Featuring direct USB control for iPod and iPhone, plus a front panel 3.5mm auxiliary input and an SD card input behind the faceplate.

Made for iPod iPhone

USB UNIVERSAL SERIAL BUS

XDM6351 CD Receiver

NEW!

Featuring front panel USB and 3.5mm auxiliary inputs to connect portable media devices.

USB UNIVERSAL SERIAL BUS

XD5250 CD Receiver

Featuring a front panel USB charge port, and a 3.5mm auxiliary input to connect portable media devices. Includes a wireless remote control.

USB UNIVERSAL SERIAL BUS Charge Only

CP5250 CD Receiver with Speakers

This combo pack includes the XD5250 CD Receiver and a pair of 6.5" 2-way speakers. The receiver features a front panel USB charge port and a 3.5mm auxiliary input to connect portable media devices.

USB UNIVERSAL SERIAL BUS Charge Only

XD1225 CD Receiver

Featuring a front panel USB charge port, and a 3.5mm auxiliary input to connect portable media devices.

USB UNIVERSAL SERIAL BUS Charge Only

XML8150 Digital Media Receiver

with Fold-out Dock for iPhone/iPod

This multi-format receiver boasts a fold-out integrated dock for most iPhone and iPod devices, built-in Bluetooth Wireless Technology for hands-free calling, audio streaming, player control, and is HD Radio Ready™. Also features direct USB control for iPod and iPhone, plus a 3.5mm front panel auxiliary input and an SD card input behind the faceplate.

Made for iPod iPhone · Bluetooth · HD Radio READY · USB UNIVERSAL SERIAL BUS · SD

XR4115 Digital Media Receiver

Featuring front panel USB, SD card, and 3.5mm auxiliary inputs to connect mobile devices.

USB UNIVERSAL SERIAL BUS · SD

Feature / Model #	XDMA6540	XDMA6510	XDMA5280	X2DMA400	XDMA6370	XDM6351	XD5250	XD1225	XML8150	XR4115
DIN Size	1-DIN	1-DIN	1-DIN	2-DIN	1-DIN	1-DIN	1-DIN	1-DIN	1-DIN Mechless	1-DIN Mechless
Power	240W (60 x 4)	240W (60 x 4)	240W (60 x 4)	240W (60 x 4)	240W (60 x 4)	240W (60 x 4)	60W (15 x 4)	60W (15 x 4)	240W (60 x 4)	200W (50 x 4)
MOSFET Powered	✓	✓	✓	✓	✓	✓			✓	
LCD	4-Line Full Graphic	10-Character	10-Character	2-Line 16-Character	10-Character	8-Character	7-Character	7-Character	2-Line 8-Character	8-Character
RGB Custom Colors	32,768 Colors									
Media Formats	CD MP3/WMA	CD MP3/WMA	CD MP3/WMA	CD MP3/WMA	CD MP3/WMA	CD MP3/WMA	CD	CD	MP3/WMA AAC	MP3/WMA
Aux-In	Front 3.5mm Rear RCA	Front 3.5mm Rear RCA	Front 3.5mm	Front 3.5mm Rear RCA	Front 3.5mm Rear RCA	Front 3.5mm	Front 3.5mm	Front 3.5mm	Front 3.5mm	Front 3.5mm
SD Card Input	✓			✓	✓	✓			✓	✓
USB Input	Front	Front	Front	Front	Front	Front	Front Charge Only	Front Charge Only	Front	Front
Direct USB Control For iPod & iPhone	✓	✓	✓	✓	✓				Docking Station & Direct USB	
iTunes Tagging	✓			✓					✓	
Built-In Bluetooth[4]	✓								✓	
HD Radio Ready[2]	✓								✓	
SiriusXM-Ready[3]	✓			✓						
Steering Wheel Controls	✓	✓		✓	✓				✓	
Remote Control	✓	✓	✓	✓	✓	✓	✓		✓	
Portable Device Mount	✓	✓	✓							
Preamp Outputs	3	2	1	2	2	1	1	1	3	1

1 - Requires PAC SWI-PS adapter (sold separately) 2 - Requires HDM90 HD Radio Tuner Module (sold separately) 3 - Requires SiriusXM Vehicle Connect Tuner (sold separately)
4 - HFP- Hands-Free Profile, A2DP- Advanced Audio Distribution Profile, AVRCP- Audio Video Remote Control Profile

XPE1700 Mono Amplifier

Featuring performance-matched output transistors for maximum power transfer and black anodized extruded aluminum heat sinks for dissipating the heat. Direct-wire inputs eliminate the need for extra terminals while ensuring a more positive connection through increased wire contact. In addition, thermal overload and low-impedance circuits provide protection for even the most demanding applications.

XPE4700 4/3/2 Channel Amplifier

Featuring variable high-pass and low-pass crossovers with a 12dB/octave crossover slope and a 0, 6 or 12dB bass boost. For installation flexibility, it also includes high-level and low-level inputs - accommodating connection to OEM and aftermarket head units.

XPE2700 2/1 Channel Amplifier

Featuring simultaneous stereo and bridged operation, allowing for the connection of both full-range speakers and a subwoofer to the amplifier.

Model # / Feature	Number of Channels	RMS Power (4-ohm)	RMS Power (2-ohm)	Max. Power	Class	High-Level Inputs	Low-Level Inputs	Frequency Response	Selectable Crossover	Crossover Frequency	Dimensions (H x W x D)
XPE1700	1	240W x 1	400W x 1	1000W	A/B		✓	20Hz-20kHz	LP	50Hz-500Hz	2.06" x 13.3" x 8.95"
XPE4700	4	50W x 4	75W x 4	800W	A/B	✓	✓	20Hz-20kHz	HP/LP/Full	50Hz-500Hz	2.06" x 14.1" x 8.95"
XPE2700	2	50W x 2	75W x 2	400W	A/B	✓	✓	20Hz-20kHz	HP/LP/Full	50Hz-500Hz	2.06" x 8.82" x 8.95"

DLS694 6" x 9" 4-Way Speakers

Featuring a balanced dome midrange for enhanced vocal clarity, injection-molded polypropylene woofer cones for accurate bass response, rubber surrounds to withstand heat and moisture, dual Piezo tweeters for extended high-frequency response and a low-profile basket design for installation flexibility.

DLS654 6.5" 4-Way Speakers

Featuring a balanced dome midrange for enhanced vocal clarity and an injection-molded woofer cone for accurate bass response.

DLS574 5" x 7" / 6" x 8" Multi-Fit 4-Way Speakers

Featuring a balanced dome midrange for enhanced vocal clarity and an injection-molded woofer cone for accurate bass response.

Fits both 5" x 7" and 6" x 8" speaker openings.

DLS524 5.25" 4-Way Speakers

Featuring a balanced dome midrange for enhanced vocal clarity and an injection-molded woofer cone for accurate bass response.

DLS404 4" 4-Way Speakers

Featuring a balanced dome midrange for enhanced vocal clarity and an injection-molded woofer cone for accurate bass response.

Model # / Feature	Size	Type	Power Rating (RMS/Peak)	Woofer	Midrange	Tweeter	Sensitivity	Frequency Response	Mounting Opening Diameter	Mounting Depth
DLS694	6"x9"	4-Way	50W/200W	Polypropylene	58mm Mylar® Dome	(2) 18mm Piezo	89dB	60Hz-20kHz	6" x 8.58"	3.07"
DLS654	6.5"	4-Way	40W/160W	Polypropylene	58mm Mylar® Dome	(2) 15mm Piezo	88dB	70Hz-20kHz	5.6"	2.17"
DLS574	5"x7"	4-Way	40W/160W	Polypropylene	58mm Mylar® Dome	(2) 15mm Piezo	87dB	70Hz-20kHz	5" x 7.1"	2.28"
DLS524	5.25"	4-Way	30W/120W	Polypropylene	58mm Mylar® Dome	(2) 12mm Piezo	85dB	75Hz-20kHz	4.5"	1.97"
DLS404	4"	4-Way	25W/100W	Polypropylene	58mm Mylar® Dome	(2) 12mm Piezo	86dB	80Hz-20kHz	3.7"	1.91"

DS692 6"x 9" 2-Way Speakers

- 120 Watts peak power
- 60 Watts RMS
- Treated paper cone
- Treated foam surround
- 25mm Mylar® dome tweeter
- Stamped steel basket
- 1-piece ABS grille
- 3" mounting depth

DS652 6.5" 2-Way Speakers

- 100 Watts peak power
- 50 Watts RMS
- Treated paper cone
- Treated foam surround
- 25mm Mylar® dome tweeter
- Stamped steel basket
- 1-piece ABS grille
- 2" mounting depth

BP1204 Bandpass Enclosure

- 1100 Watts peak power
- 600 Watts RMS
- Dual 12" low-q optimized drivers with 45 oz. magnets
- Brushed aluminum injection-molded cones
- Treated foam surrounds
- 4 ohm nominal impedance
- Dual acrylic viewing windows
- Blue illumiNITE™ LED illumination

SD12 12" Subwoofer

- 500 Watts peak power
- 175 Watts RMS
- Works with sealed or vented enclosures
- 12" low-q optimized driver with 38 oz. magnet
- Brushed nickel injection-molded cone
- Heavy-gauge stamped steel basket
- Treated foam surround
- Vented 2" voice coil

IP35 Audio Interface Adapter

- Includes 3.5mm to 3.5mm cable
- Universal connection for all portable digital media players
- Multiple mounting options for easy front-of-dash access

IP45 Audio/Video Interface Adapter

The Dual IP45 allows you to listen to and view content from any portable device (equipped with standard RCA outputs) through your multimedia car stereo. Multiple mounting options and a cosmetic rubber boot allow for easy, inconspicuous installation.

HDM90 HD Radio™ Tuner Module

- Supports HD2/HD3 multicast channels and offers iTunes tagging capability
- Displays station name, artist and song title on HD Radio channels
- Easy 1-Wire Installation
- Static-free, CD quality FM reception
- Compatible with all Dual HD Radio Ready head units

IPV40 Video Playback Cable for iPod and iPhone Devices

The IPV40 cable connects iPod/iPhone devices to select 2012 and up multimedia receivers with a USB input and dedicated video input. This 40" cable includes a standard Apple 30 pin connector on one end and splits to a full size USB with an RCA video output connector on the other end. It provides a high-quality digital audio connection, full playback control and charging of your iPod or iPhone. In addition, the IPV40 allows video to be displayed when the vehicle is parked.

LUR66E Weather-Resistant Outdoor Rock Speaker

This Outdoor Rock Speaker is weather-resistant for use on the deck, by the pool or in the garden. The rock-like earth tone enclosure blends well with any outdoor décor and surroundings, while its 6.5" 2-way speaker provides high-quality sound.

- Weather-resistant, fiber-reinforced poly resin composite enclosure withstands rain, snow, sun and coastal environments.
- Rust-resistant aluminum speaker grille.
- 6.5" 2-way component speaker delivers high-quality sound with deep bass response.
- RMS power: 60 watts
- Peak power: 150 watts
- Compact size: 9.63" h x 8.75" w x 8.75" d
- 10" Burial-rated pigtail speaker cable

LU43PW Indoor/Outdoor Speakers - White

Indoor/Outdoor Wall Mountable Stereo Speakers

Available in black: LU43PB, and in white: LU43PW

These versatile, weather-resistant stereo speakers can be used indoors or out. 4" 3-way component speakers deliver high-quality sound in both interior and exterior environments. Mounting brackets are included for on-wall and ceiling installation, allowing for many convenient applications: from home theater surround sound to outdoor patio areas.

- RMS power: 50 watts
- Peak power: 100 watts
- Dimensions: 8.25" h x 5.25" w x 5.25" d
- Sold as a pair

LU43PB Indoor/Outdoor Speakers - Black

www.dualav.com

407.936.0129

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